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STATEMENT UNDER 37 CFR 3.73(b)Assignee/Patent Owner: Chamberlain et al.Application No./Patent No.: 10/550,323Filed/Issue Date: September 23, 2005Entitled: Intelligent Data Storage and Processing Using FPGA DevicesWashington University

(Name of Assignee)

a corporation of the State of Missouri

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8/25/06
Date

Bradley J. Castanho
Typed or printed name

[Signature]
Signature

Interim Director, OTM
Title

PATENT

ASSIGNMENT

WHEREAS, we, Roger D. Chamberlain of 10920 Leighton Court, St. Louis, Missouri 63146; Mark Allen Franklin of 7456 Stratford Avenue, St. Louis, Missouri 63130; Ronald S. Indeck of 729 Gralee Lane, St. Louis, Missouri 63132; Ron K. Cytron of 49 Granada Way, St. Louis, Missouri 63124; and Sharath R. Cholleti of ~~5960 McPherson Avenue~~ ^{555 Melville Avenue, 2nd} ⁶³¹³⁰ St. Louis, Missouri ~~63142~~, have invented certain new and useful improvements for *Intelligent Data Storage and Processing Using FPGA Devices* for which we executed an application for Letters Patent in the United States identifying us as the only inventors thereof said application being assigned serial number 10/550,323 by the U.S. Patent and Trademark Office and identified as Thompson Coburn LLP, Docket 53047/57370; and

WHEREAS, Washington University, a corporation of the State of Missouri having its principal office and place of business at One Brookings Drive, St. Louis, Missouri 63130, is desirous of acquiring the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to said application, and in and to the patent to be obtained thereon.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Roger D. Chamberlain, Mark Allen Franklin, Ronald S. Indeck, Ron K. Cytron, and Sharath R. Cholleti, have sold, assigned and transferred and do hereby sell, assign and transfer unto said Washington University, its successors or assigns, the entire right, title and interest in and to said invention and improvements as the same are disclosed in said application which was executed by us in and to said application, and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Washington University in accordance with this Assignment.

The undersigned hereby authorize and request the attorneys of record in said application(s) to insert in this Assignment the serial number, filing date, and date of execution of said application(s).

For said considerations, the undersigned hereby agree, upon the request and at the expense of said Assignee, to execute any divisional, continuation, continuation-in-part or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application(s), and, in the event of any application or Letters Patent assigned herein becoming involved in an interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agree to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said Assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said Assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

And for said consideration, the undersigned hereby assign to said Assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights, and agree to execute, at the request of said Assignee, all documents in connection with any application for foreign Letters Patent therefor.

IN WITNESS WHEREOF, I have hereunto set my hand the 25 day of July, 2006.

Roger D. Chamberlain
Roger D. Chamberlain

STATE OF
COUNTY OF

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: SS
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On this 25 day of July, 2006 before me, a Notary Public, within and for the County of St Louis, State of Mo, personally appeared Roger D. Chamberlain, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Clifford J. Hyde
Notary Public

My Commission Expires: 8-3-08

WITNESS:

By: Julie He Toulaumonts
Printed Name: Julie He Toulaumonts

WITNESS:

By: Linda Brice
Printed Name: Linda Brice

IN WITNESS WHEREOF, I have hereunto set my hand the 19th day of July, 2006.

Mark Allen Franklin
Mark Allen Franklin

STATE OF Missouri
COUNTY OF Saint Louis

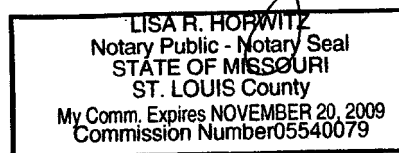
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: SS
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On this 19th day of July, 2006 before me, a Notary Public, within and for the County of Saint Louis, State of Missouri, personally appeared Mark Allen Franklin, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Lisa R. Horwitz
Notary Public

My Commission Expires: November 20, 2009



WITNESS:

By: [Signature]
Printed Name: Mark Jane Higgins

WITNESS:

By: [Signature]
Printed Name: Amanda Moeller

IN WITNESS WHEREOF, I have hereunto set my hand the 25 day of July, 2006.

Ronald S. Indeck
Ronald S. Indeck

STATE OF
COUNTY OF

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: SS
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On this 25 day of July, 2006 before me, a Notary Public, within and for the County of St Louis, State of Mo., personally appeared Ronald S. Indeck, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Carole Hylle
Notary Public

My Commission Expires: 8-3-08

WITNESS:

By: Juliette Tabouret
Printed Name: Juliette Tabouret

WITNESS:

By: Linda Brice
Printed Name: Linda Brice

IN WITNESS WHEREOF, I have hereunto set my hand the 9th day of August, 2006.

Ron K Cytron
Ron K. Cytron

STATE OF
COUNTY OF

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: SS
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On this 9th day of August, 2006 before me, a Notary Public, within and for the County of St. Louis City, State of Missouri, personally appeared Ron K. Cytron, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Mary J. Withington
Notary Public

My Commission Expires: February 22, 2008

WITNESS:
MARY J. WITHINGTON
Notary Public - State of Missouri
St. Louis County
My Commission Expires: February 22, 2008

By: Mary E. Most
Printed Name: MARY E. MOST

WITNESS:
By: Lisa Cress
Printed Name: Lisa Cress

IN WITNESS WHEREOF, I have hereunto set my hand the 11 day of August, 2006.

Sharath R. Cholleti
Sharath R. Cholleti

STATE OF
COUNTY OF

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: SS
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On this 11th day of August, 2006 before me, a Notary Public, within and for the County of Jefferson, State of Missouri, personally appeared Sharath R. Cholleti, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Lisa Caress
Notary Public

My Commission Expires: 4/10/2010

LISA CARESS
NOTARY PUBLIC - NOTARY SEAL
WITNESS: **STATE OF MISSOURI, JEFFERSON COUNTY**
MY COMMISSION EXPIRES _____

By: Mary E. Most
Printed Name: MARY E. MOST

WITNESS:

By: Ron K Cytron
Printed Name: RON K Cytron